Title (en)
CONTROL DEVICE, CONTROL SYSTEM, AND CONTROL METHOD

Title (de)
STEUERVORRICHTUNG, STEUERSYSTEM UND STEUERUNGSVERFAHREN

Title (fr)
DISPOSITIF DE COMMANDE, SYSTÈME DE COMMANDE ET PROCÉDÉ DE COMMANDE

Publication
EP 2509190 B1 20141112 (EN)

Application
EP 10833339 A 20101126

Priority
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• JP 2010071149 W 20101126

Abstract (en)
[origin: EP2509190A1] A smart controller (102) receives, from an EMS (70), control information as charge information that indicates electricity prices determined in accordance with a power supply of an electric power system (60) and an electric power demand of a consumer group. The smart controller (102) compares the electricity prices with a charge threshold value in a correspondence relationship between a predetermined operation mode and the charge threshold value, thereby determining the operation mode of an illumination (110), an air conditioning device (112), and a heat storage device (114) as loads so as to be an operation mode in which power consumption is reduced as the electricity prices becomes higher, and thus controlling the illumination (110), the air conditioning device (112), and the heat storage device (114) as the load.

IPC 8 full level
H02J 13/00 (2006.01); **G06Q 50/00** (2012.01); **H02J 3/00** (2006.01)

CPC (source: EP US)
G06Q 50/06 (2013.01 - EP US); **H02J 3/14** (2013.01 - EP US); H02J 13/00004 (2020.01 - EP US); H02J 13/00016 (2020.01 - EP US); H02J 2310/14 (2020.01 - EP US); H02J 2310/64 (2020.01 - EP US); Y02B 70/30 (2013.01 - EP US); Y02B 70/3225 (2013.01 - EP US); Y02B 90/20 (2013.01 - EP US); Y04S 20/222 (2013.01 - EP US); Y04S 20/242 (2013.01 - EP US); Y04S 20/244 (2013.01 - EP US); Y04S 40/124 (2013.01 - EP US); Y04S 50/10 (2013.01 - EP)

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